City of St. Charles Residential Alteration or Addition



Building & Code Enforcement Division 2 East Main Street St. Charles IL 60174 630.377.4406 (Office)

Please direct any and all questions to the City of St. Charles Building & Code Enforcement Division: Monday through Friday (8 AM to 4:30 PM) at 630.377.4406

A building permit is required prior to any alteration or addition to a residential structure. The following are guidelines and comments for obtaining a building permit.

Application and Drawings Procedures:

- An application is to be filled out and submitted to the Building & Code Enforcement Division. The contractor's names, addresses, phone numbers, email and, if required, their license.
- For information on the setbacks for your particular zoning, please contact a Building Inspector at the Building and Code Enforcement Division at 630.377.4406.
- If you are upgrading the electric service, changing the panel or installing a new electric service, this application is also attached for you to complete and submit with the drawings and the building application.
- For an addition two (2) copies of the plat of survey to scale showing the location of the addition and the measurements to all of the lot lines from the addition also indicate on the survey the route of the electric service from the transformer to the house.
- Two copies of plans that show compliance with 2015 Energy Code (table 402.1.2, Zone 5).
- No structure shall be located in any indicated easement area.
- Provide maximum building coverage calculations per your Zoning District on additions. Definition: A measure of intensity of land use that represents the portion of a site that is covered by a principal building or buildings including attached garages and enclosed porches, and accessory buildings including detached garages and any other enclosed accessory building in excess of 150 square feet of Lot Coverage. Building coverage shall also include cantilevered portions of a building that extend beyond the footprint of a structure, including portions cantilevered over an open front porch. Building Coverage shall be measured at the outer edge of the foundation line, or at the outer wall surface support column in the case of a post, other non-continuous foundation, or cantilever, excluding projections for bay windows or chimneys. Building coverage shall not include unenclosed porches, decks, or unenclosed accessory structures such as gazebos, swimming pools, or tennis and sports courts.

- Two copies of plans shall include sufficient detail to demonstrate compliance with Building Codes and Ordinances. The drawings shall be as accurate as possible, include dimensions, walls, cabinets, fireplaces, receptacles, switches, lighting. Framing details shall include a typical wall detail, header sizes, beam and column sizes and if engineered lumber is specified.
- If there is any plumbing being done on your project, a copy of the plumbing contractors Illinois License Registration and an original notarized "Letter of Intent" signed by the plumbing contractor. If you, the homeowner, are completing all the plumbing work, a notarized "Letter of Intent" signed by you is required stating you will reside in this home as your sole residence for at least six months.
- If your property is located in any of the RT or CBD-2 zoning districts and your project involves any exterior alterations, additions, and detached garages, there are Architectural Design Guidelines in Section 17.06.060 of the Zoning Ordinance attached to this packet. The Planning Division will conduct a review of the project for compliance with these guidelines.
- Our goal is to complete the review of your building permit within 10 working days.

Application – Permit Fees: (All payments are to be made either in the form of cash, check, or money order)

- A filing fee is to be paid at time of submission of application and plans.
 - For an alteration or addition the submittal fee is \$150.00
 Additional fees for your permit are to be paid at the time the permit is approved and ready to be obtained.
 - o For estimated cost up to first thousand (\$1,000.00) dollars, One-Hundred (\$100.00) dollars
 - o For estimated cost from one thousand and one (\$1,001.00) dollars to ten-thousand (\$10,000.00). Six (\$6.00) dollars per/\$1,000.00
 - o For estimated cost from ten-thousand and one (\$10,001.00) to twenty-five thousand (\$25,000.00), Two dollars and 25 cents (\$2.25) per/\$1,000.00
 - For estimate cost from twenty-five thousand and one (\$25,001.00) dollars on, One-dollar and 50 cents (\$1.50) per/\$1,000.00
- Re-inspection fee. During the construction of your project should you fail any of the required inspections there is a re-inspection charge. The fees are due prior to certificate of occupancy. The fee schedule is as follows;
 - \$65.00 per Building Department re-inspection for all types of inspections during construction (excluding finals)
 - o \$85.00 per re-inspection for all residential final inspections.
- **Temporary certificate of occupancies.** \$85.00 is due prior to issuance of a temporary certificate of occupancy for residential.

Overtime Inspections:

The Building & Code Enforcement Division Manager or his designee may approve requests for overtime inspections for unique circumstances. The charge for an overtime inspection will be a separate charge and will be invoiced to the individual contractor or company who requested the overtime inspection.

Consultation Meeting:

The Building and Code Enforcement Division offers a consultation meeting where you will meet with City staff and discuss any questions or issues on your construction project. The meeting may be for a proposed project or a project that is currently under construction and can be held at the site location or in our office. To schedule this meeting, please contact our office at 630.377.4406.

Building Codes:

The following are the Building Codes, which the City of St. Charles has adopted:

- > St. Charles Municipal Code
- ➤ Int'l Residential Code/revisions
- ➤ Int'l Building Code w/revisions
- ➤ Int'l Mechanical Code w/revisions
- ➤ Nat'l Electrical Code w/revisions
- ➤ Int'l Fuel Gas Code w/revisions
- ➤ State Plumbing Code
- > International Fire Codes w/revisions
- > 2015 International Energy Conservation Code

General Comments:

- 1) Please see our website (<u>www.stcharlesil.gov</u>, City Code Book, Title 15, Chapter 15.40 Building Code to see our local amendments.
- 2) Per Ordinance No. 1987-M-93 in the City of St. Charles there is no open burning.
- 3) R105.7 Placement of permit. The building permit card shall be kept on the site (in the window) of the work and be visible from the street until such time as a certificate of occupancy permit has been issued, or a final inspection has been performed.
- 4) R-314 Smoke alarms- Smoke detectors are required in all sleeping areas and all floors. Smoke and carbon monoxide detectors outside sleeping area within 15-feet. All detectors must be hardwired, interconnected and with battery backup (When basement is finished an additional smoke detector is required in the furnace room). This is the only item that the Building Code requires to be updated when work is performed.
- 5) At least one (1) GFCI receptacle is required in a storage or unfinished room.
- 6) In bathrooms, GFCI receptacles are required to be within three (3) feet from the edge of the sink.
- 7) AFCI protection shall be provided in all 120-volt, single phase. 15 and 20 ampere branch circuits supplying outlets or devices installed in swelling unit kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, laundry areas, or similar rooms or areas.
- 8) Tamper-resistant receptacles shall be installed in all areas specified in Section 210.52 (2014 NEC). All nonlocking-type 125-volt, 15- and 20-ampere receptacles shall be listed tamper-resistant receptacles.
- 9) All exterior doors must have a dead bolt lock with no less than a one-1-inch throw.

- 10) "Single-cylinder dead bolt" means a dead bolt lock activated from the outside by a key and from the inside by a knob, thumb turn, lever, or similar actuator.
- 11) "Sliding door dead bolt" means a single dead bolt, which after penetration of the strike, expands or is pivoted hook-type to resist sliding of the door by force.
- 12) Firestop shall be done at the frame inspection.
- 13) R-311 Egress windows (bedrooms and basements with habitable spaces).
- 14) R-308 Safety glazing (fixed or operable panels, tempered at doors, bathrooms and stairways or landings.
- 15) R-302.5.1 (20 min. rated door to garage with self-closing hinges).
- 16) R-302.5, 302.6 (5/8" drywall separation).
- 17) R-311 (Two required exits per St. Charles, clear width of 32" and not through the garage).
- 18) R-312 (guards) R-311.7.8, R-311.8.3 (handrails) R-311.7.1 (stair width) R-311.7.5, R311.8.1 (stair treads and risers)
- 19) Footings ("8x18" on 8" wall, 10"x20" on 10" wall).
- 20) Foundation walls R-404 (wall steel table 404.1.2 (1).
- 21) R-602, 602.3.1, R-602.3.2, R-602.3.3, R-602.3.4, R-602.6, R-602.9) wall framing
- 22) R-502.6, R-502.7 (JOIST SPAN 502.3.1(1), R-502.3.1 (2), R-502.3.3 (1), AND R-502.3.3 (2) (floor framing).
- 23) I- joist used in the basement are requires to be fire protected.
- 24) Roof rafters R-802.1.1 (TABLES R-802.5.1 (1), R-802.5.1 (3)
- 25) Roof trusses R-502.11, R-602.10.6.2, AND R-802.10
- 26) 2015 International Energy Code KANE COUNTY 5A (TABLE 402.1.2) Ufactors and insulation requirements.

Inspections:

The following is a list of inspections that might be required for your project and the amount of time needed to conduct the inspection.

0	Footing –	Approximately one-half hour.
0	Foundation -	Approximately one-half hour.
0	Exterior House Wrap -	Approximately one-half hour.

o **Framing** — Approximately one-hour. This inspection is usually conducted the same time as the electric.

O **Electric** - Approximately one-hour. This inspection is usually conducted the same time as the framing.

Underground Plumbing - Approximately one-hour.
 Slab - Approximately one-half hour
 Rough Plumbing - Approximately one-hour
 HVAC/Mechanical - Approximately one-half hour

o Blower door test- Required from contractor at time of final

Insulation - Approximately one-half hour
 Final - Approximately one-hour

Homeowner - Contractor Responsibilities:

It is the responsibility of the homeowner/contractor to schedule with the Building Department the required inspections. The required inspections are indicated on the Plan Review form, which is attached to your permit and the Field Copy of drawings. When calling to schedule an inspection, please have the address and the permit number.

✓ Inspections shall be called a minimum of 24 hours before they become due.

✓ Call J.U.L.I.E. (Joint Underground Location for Inspectors and Engineers) at least 48-hours prior to any digging to locate any underground utilities. (1-800/892-0123)

Electric Utilities
 Comcast (Cable)
 Northern Illinois Gas (NICOR)
 Sewer Utilities
 Telephone Utilities
 Water Utilities
 Red
 Orange
 Orange
 Blue

REV 1.24.2019

DESIGN REVIEW FOR RT AND CBD-2 ZONING DISTRICTS

ST, CHARLES

COMMUNITY & ECONOMIC DEVELOPMENT DEPARTMENT / CITY OF ST. CHARLES

(630) 377-4443

PROCESS:

Design Review is conducted by Community Development staff prior to issuance of building permit for new construction, additions, and exterior alterations for single-family and two-family dwellings in the RT "Traditional Residential" and CBD-2 "Mixed Use" zoning districts. The purpose of this review is to help ensure compatible new development and redevelopment in the city's older neighborhoods.

Upon submittal of an application for building permit, Community Development staff will review plans for compliance with the Design Review Standards and Guidelines applicable to the RT and CBD-2 zoning districts contained in Section 17.06.060 of the City Code. Staff comments will be forwarded to the permit applicant. The comments will indicate whether any changes must be made to comply with the requirements or whether additional information is necessary for staff to conduct the review. If any changes or additional information are required, the applicant shall re-submit plans or provide the additional information to the Building Division.

SUMMARY OF DESIGN REQUIREMENTS:

The Design Review Standards and Guidelines applicable to new construction, additions, and exterior alterations in the RT and CBD-2 zoning districts fall into eight categories. The intent of the standards and guidelines within each category are listed below:

- 1. Site Layout and Context To ensure building placement is consistent with the development pattern of the surrounding neighborhood.
- 2. Garages To reduce the appearance and prominence of garages.
- 3. Massing and Proportion To reduce the appearance of mass and to encourage new buildings to match the scale of the existing neighborhood.
- 4. Roofs To encourage roofs and rooflines that add character and interest to a home.
- 5. Architectural Materials To promote use of architectural materials in a manner that complements traditional building styles.
- 6. Windows Provide windows that are consistent with the architectural style of the house while being complementary to the window types and fenestration found on traditional building styles.
- 7. Doors and Entrances To promote designs that contribute to the pedestrian character and orientation of the streetscape.
- 8. Additions and Exterior Alterations To ensure additions and exterior alterations are complementary to the existing home and blend with the neighborhood.

Standards and Guidelines are listed under each category. "Standards" are specific requirements that must be met. "Guidelines" are meant to be applied with more flexibility. If a proposal does not precisely follow a guideline, it may still be acceptable if the proposal meets the intent for that group of standards and guidelines.

MORE INFORMATION:

The Design Review Standards and Guidelines can be found below and are located in Ch. 17.06, Section 17.06.060 of the City Code: https://codebook.stcharlesil.gov/title-17-zoning/c1706#node-3362

Any questions regarding the Administrative Design Review process or the Design Review Standards and Guidelines can be directed to the Community Development Division at (630) 377-4443 or cd@stcharlesil.gov.

DESIGN REVIEW STANDARDS & GUIDELINES

(SECTION 17.06.060)

For single and two-family dwellings in the RT-1, RT-2, RT-3, RT-4, and CBD-2

A. Site Layout and Context

Intent: To ensure building placement is consistent with the development pattern of the surrounding neighborhood.

Standards:

- 1. Buildings facades shall be oriented to the street. Front facades should squarely face the street and should not be set at an angle. However, if adjacent homes are set at an angle the new home may be similarly sited.
- 2. Site grading shall be consistent with that of adjacent properties. The slope and elevation of the property shall not be altered in such a manner that results in an artificial change of grade.
- 3. The amount of front or exterior side yard covered by driveways shall be limited per Section 17.24.070Z.

Guidelines:

- 1. Setbacks (front, side, rear) should generally follow the averages for the block on which the new house is located. Front and exterior side yard setbacks may be reduced based on averaging of existing principal building setbacks along the street frontage of a block See Table 17.12-2 for setback requirements.
- 2. Building and site layout should be compatible with existing topography and vegetation. Preservation of existing trees, particularly older growth trees, is recommended.
- 3. The coverage of driveways and parking areas in the front and exterior side yards should be minimized to the greatest extent possible.

B. Garages

Intent: To reduce the appearance and prominence of garages.

Standards:

- 1. Garages shall meet the provisions of Section 17.22.020 Accessory Buildings and Structures, including but not limited to: requirement to provide access from a public alley; limitations on garage door width; and requirements to set back street-facing attached garages from the remainder of the building
- 2. Detached garages shall be consistent with the architectural style of the house. Window styles, exterior materials, and trim detailing shall have a similar appearance to the house (but use of exact materials shall not be required).

Guidelines

- 1. Detached or rear-loaded garages are recommended. A Building Coverage bonus shall be provided where a detached garage or an attached garage accesses via an alley is provided. See Table 17.12.2.
- 2. Street-facing doors on attached garages should incorporate glass panel windows.
- 3. The use of individual bay doors (single stall) is preferred over double-wide doors, particularly for street-facing attached garages. Stepped back, separate garage doors should also be considered to further soften the impact of a street-facing attached garage.

C. Massing and Proportion

Intent: To reduce the appearance of mass and to encourage new buildings to match the scale of the existing neighborhood.

Standards:

1. Buildings shall comply with the Bulk Requirements provided in Table 17.12-2 (including Setbacks, building coverage, and building height).

Guidelines:

- Scale, proportions, and height should be compatible with the general characteristics of homes in the surrounding neighborhood. For example, effort should be made to reduce the appearance of height of a twostory house constructed among single-story houses.
- 2. Simple building forms and shapes are encouraged.
- 3. The following methods may be incorporated to reduce the apparent mass of a home:
 - a. Step back portions of the home. For example, set the second story back from the first story or add an unenclosed porch on the first story.
 - b. Use dormers to break up roof mass, if consistent with the architectural style of the home.
 - c. Incorporate horizontal design detailing to visually break up flat walls. Examples include wide skirt boards, mid-section trim between stories, frieze boards along roof eaves, partial or complete gable returns, or a change in siding or masonry patterns or materials.

D. Roofs

Intent: To encourage roofs and rooflines that add character and interest to a home.

Guidelines:

- 1. Roof form, pitch, and scale should match the architectural style of the house.
- 2. Simple gabled and hipped roof forms are preferred. Mansard and flat roofs should be used only if appropriate for the architectural style of the house.
- 3. Eaves that extend a sufficient distance to create shadow lines are encouraged if appropriate for the architecture of the structure.
- 4. The roof of the garage and other accessory structures should mimic the roof of the house in both form and pitch.

E. Architectural Materials

Intent: To promote use of architectural materials in a manner that complements traditional building styles.

Standards:

- 1. Primary siding materials shall be used consistently and at approximately the same proportion on each elevation of the building. For example, for a building with a masonry front elevation, masonry shall be used in a similar proportion on all other sidings of the building. (Note this Standard does not apply to materials used for accent purposes.)
- 2. Exterior trim detailing shall be consistent on all elevations. For example, the same size window casing shall be used for all windows on each elevation.

Guidelines:

- 1. Siding materials used for accent purposes on the front elevation (for example, a masonry water table or siding type used within a gable) are encouraged, but not required, to be used on each other elevation.
- 2. The use of exterior trim detailing is recommended, including window casing (a minimum of 4 inches), wide vertical corner boards, skirt boards, frieze boards, and midsection trim.
- 3. The limited use of decorative elements such as gable trusses, exposed rafters, arched doors and windows, quoins, pediments, etc. is encouraged, provided such elements do not overwhelm or clutter the home's appearance and are appropriate for the architectural style of the home.
- 4. Shutters should only be utilized where appropriate for the architectural style of the building. If shutters are used, they should exactly match the window size.
- 5. Chimneys should be masonry when located on a street-facing elevation.

F. Windows

Intent: Provide windows that are consistent with the architectural style of the house while being complimentary to the window types and fenestration found on traditional building styles.

Standards:

1. The same window types and style shall be used consistently on each elevation where feasible. Double hung and casement windows may be used interchangeably provided they are of a similar proportion and incorporate similar detailing where possible (such as the same lite/muntin pattern).

Guidelines

- 1. Windows should be incorporated on all elevations.
- 2. The distribution of windows on each individual elevation should be balanced. Large areas of blank wall should be avoided
- 3. The style of windows should match the architectural style of the house.
- 4. The use of fixed and large, undivided pane windows is discouraged.
- 5. The use of window muntins (divides) should be consistent for all windows.

G. Doors and Entrances

Intent: To promote designs that contribute to the pedestrian character and orientation of the streetscape.

Guidelines:

- 1. The primary entrance should be located at the front of the house, facing the street.
- 2. The front entry should be the predominate feature on the front elevation. Multi-story entry features should be used only when architecturally appropriate.
- 3. The style of doors, particularly the front door, should complement the architectural style of the house.
- 4. Open, full-width front or wrap-around porches are recommended to emphasize the front entrance. Porches should be at least six (6) to eight (8) feet in depth and constructed in a manner so as to be fully functional. Porch detailing should be consistent with the architecture of the house.
- 5. Unenclosed Porches are permitted to encroach up to eight (8) feet into the front, exterior side or rear yards. Unenclosed porches are not included in the calculation of Building Coverage. For the definition of an Unenclosed Porch vs. Enclosed Porch and Building Coverage see Ch. 17.30. For information on permitted yard encroachments, see Section 17.22.030.

H. Additions and Exterior Alterations

Intent: To ensure additions and exterior alterations are complementary to the existing home and blend with the neighborhood.

Standards:

1. Additions and exterior alterations shall abide by the applicable standards and guidelines in Section 17.06.606 A-

Guidelines:

- 1. Additions should match the scale and mass of the original structure.
- 2. Additions and exterior alterations should match the existing house in exterior materials, color, architectural style and detailing, window proportion and type, and roof form, pitch, and color.

City of St. Charles Municipal Electric Office

1405 S 7th Avenue – St. Charles IL 60174 630/377-4407



Electric Service Application – New Service/Upgrade (Each individual service will require a complete and separate application)

Name:	Phone:				
Original Signature:	Fax:				
Contact Name:	Phone:				
Email:					
Application Date: Requested Ser Note: This application will be null and void if work is not completed within	rvice Date:n 6 months from said application date.				
Existing Building Other New Building Residential Temp Connection Residential: Single Residential: Multiple Residentia	i Family				
Present Peak KW (Demand) Estimated Peak KW (Demand)					
SERVICE ADDRESS (A complete and accurate service address is required before service may be installed)					
Subdivision: Lot # Real Estate Permanent Tax # Legal Description (attach sheet if necessary): Record Titleholder of property: If property is held in trust, identify beneficial owner (s): Address:					
CUSTOMER BILLING INFORMATION (This information will be used for utility billing purposes)					
Name:					
Street Address:					
City/State/ZipPho	one:				
Authorized representative or agent: Title: Phone: Note: Only Cash or Check can be used for payment.					

		SION OFFICE USE	
Application Accepted By:		Date Application Received:	
Date Payment Received:		Method of Payment:	
Building Permit No.:			-
	ELECTRIC DEPA	RTMENT CHARGES	
Charges Calculated by:		Date:	
<u>ITEM</u>	ACCOUNT #	CHARGES (\$)	AMOUNT PAID
Project Cost:	200999 45405	91	
SOCC: VACANT	200999 48500		
SECC: VACANT	200999 48501		
SOCC:	200999 48502	·	N/A
SECC:	200999 48503		
Upgrade Charges:	200999 48504		→ : 8
Engineering:	200999 45206	-	<u> </u>
Temp Connection:	200999 45407		<u> </u>
Electric Improvemen	t: 200999 45404		
Relocation	-		<u> </u>
Subtotal			
Less contribution- if applicable		-	N/A
Total Amount of	Charges:		

Electric Project No.:





Application for Building Permit for Residential Alteration or Addition

DEPARTMENT: Building & Code Enforcement Division PHONE: (630) 377-4406 FAX (630) 443-4638

Application Date: Parcel No. Permit No. PLEASE PRINT ALL INFORMATION I, , do hereby apply for a permit for the following described work located at ______ Estimated Cost:_____ Description of proposed work: _____ Square feet of construction area :_____No. & Size of electric meter ____No. & Size of water meters :____ **Check List for Submittal of Application:** ☐ Is your property located in the Historic Preservation District? Yes/No If yes, your application and plans will need to be reviewed by the Historic Preservation Committee. Is your property located in the RT or CBD Zoning District? If yes your application and plans are to have an Architectural Consult Meeting with our Planning Division before we can issue your permit, Building Permit Application – Completely Filled Out. Two-2 Copies of Plat Of Survey (If Applicable – Show yard setbacks to all of your lot lines and For an addition - on both copies of the plat of survey show the location of the electric meter on the house and the route of the electric service line running to the house. Two-2 sets of drawings that show all interior and exterior construction details. If windows are being installed/replaced, a copy of documentation of the U-Factor rating is required with the submittal. Electric service application – only if the existing electric service is being upgraded or new electric service. Letter of Intent - If any plumbing is being conducted by anyone other than the owner who lives at the property, a Letter of Intent from the Plumbing Contractor is required. The letter must be on company letterhead indicating they are the plumbing contractor conducting the plumbing work for this job and be notarized or sealed with the plumbing company seal. A copy of the Plumbing Contractor's Illinois State Plumbing License and their Illinois State Contractor License. If any roofing is conducted by anyone other than the owner we need a copy of the Roofing Contractor's Illinois State License. Submittal fee of \$150.00, PAYMENT BY CASH OR CHECK PAYABLE TO CITY OF ST. CHARLES. Owner of the Property: Applicant: Name:_____ Name: Address: Address: City/State/Zip Code:____ City/State/Zip Code:_____ Email:____ Email: Telephone NO. Telephone NO.____ General Contractor: **Electrical Contractor:** Name:___ Address:____ Address: City/State/Zip Code:_____ City/State/Zip Code:_____ Email:_____ Email:

Telephone NO.

Telephone NO._____

Application - Residential Alteration - Addition Page 2

Plumbing Contractor:	Roofing Contractor:
Name:	Name:
Address:	Address:
City/State/Zip Code:	City/State/Zip Code:
Email:	Email:
Telephone NO	Telephone NO
Illinois License No	Illinois License No
Concrete Contractor:	HVAC Contractor:
Name:	Name:
Address:	Address:
City/State/Zip Code:	City/State/Zip Code:
Email:	Email: Telephone NO
Telephone NO	Telephone NO
shall call for inspections as required at a minimum of 24-	nder the permit by all contractors, tradesmen and workmen, and hours before they become due. SIGNATURE:
REPORT OF THE BUILDING OFFICE	AL
Domoniko	For Office Use
Remarks:	Received
Accepted: Rejected: Date:	Fee Paid \$
Attopioui Itojectoui Zutei	Receipt #
Signed:	Receipt #
	Check #
Coming of amplication distributed to	
Copies of application distributed to:	t Engineering: Fire:
	/PW: Sewer:
Water: Historic Pres	Sewer: